Kelch Repeat and BTB Domain-Containing Protein 7 (KBTBD7) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kelch repeat and BTB domain-containing protein 7 (KBTBD7), Recombinant Protein
Full Product Name	Recombinant Human Kelch repeat and BTB domain-containing protein 7 (KBTBD7)
Product Gene Name	KBTBD7 recombinant protein
Product Synonym Gene Name	KBTBD7
Sequence	MQSREDVPRS RRLASPRGGR RPKRISKPSV SAFFTGPEEL KDTAHSAALL AQLKSFYDAR LLCDVTIEVV TPGSGPGTGR LFSCNRNVLA AACPYFKSMF TGGMYESQQA SVTMHDVDAE SFEVLVDYCY TGRVSLSEAN VQRLYAASDM LQLEYVREAC ASFLARRLDL TNCTAILKFA DAFDHHKLRS QAQSYIAHNF KQLSRMGSIR EETLADLTLA QLLAVLRLDS LDIESERTVC HVAVQWLEAA AKERGPSAAE VFKCVRWMHF TEEDQDYLEG LLTKPIVKKY CLDVIEGALQ MRYGDLLYKS LVPVPNSSSS SSSSNSLVSA AENPPQRLGM CAKEMVIFFG HPRDPFLCYD PYSGDIYTMP SPLTSFAHTK TVTSSAVCVS PDHDIYLAAQ PRKDLWVYKP AQNSWQQLAD RLLCREGMDV AYLNGYIYIL GGRDPITGVK LKEVECYSVQ RNQWALVAPV PHSFYSFELI VVQNYLYAVN SKRMLCYDPS HNMWLNCASL KRSDFQEACV FNDEIYCICD IPVMKVYNPA RGEWRRISNI PLDSETHNYQ IVNHDQKLLL ITSTTPQWKK NRVTVYEYDT REDQWINIGT MLGLLQFDSG FICLCARVYP SCLEPGQSFI TEEDDARSES STEWDLDGFS ELDSESGSSS SFSDDEVWVQ VAPQRNAQDQ QGSL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	77,163 Da
Sequence Positions	1-684, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	617739
3D Structure	ModBase 3D Structure for Q8WVZ9
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for KBTBD7 recombinant protein	MBS1323593 is a recombinant protein targeting KBTBD7. Also known as Recombinant Human Kelch repeat and BTB domain-containing protein 7 (KBTBD7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of KBTBD7 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KBTBD7. It may not necessarily be applicable to this product.

NCBI GI #	21359972
NCBI GeneID	84078
NCBI Accession #	NP_115514.2
UniProt Primary Accession #	Q8WVZ9
UniProt Secondary Accession #	Q5T6Y7; Q8NB99; Q9H0I6; B5TZ86
UniProt Related Accession #	Q8WVZ9
GenBank Nucleotide #	NM_032138.6
NCBI Official Full Name	kelch repeat and BTB domain-containing protein 7
NCBI Official Synonym Full Names	kelch repeat and BTB domain containing 7
NCBI Official Symbol	KBTBD7
UniProt Protein Name	Kelch repeat and BTB domain-containing protein 7
Protein Family	Kelch repeat and BTB domain-containing protein
UniProt Gene Name	KBTBD7
NCBI Protein Information	kelch repeat and BTB domain-containing protein 7
NCBI Summary for KBTBD7	The protein encoded by this gene is a transcriptional activator, having been shown to increase the transcription of activator protein-1 and serum response element. The encoded protein can also form a complex with KBTBD6 and CUL3, which regulates the ubiquitylation and degradation of TIAM1, which is a regulator of RAC1. [provided by RefSeq, Jul 2016]
Research Articles on KBTBD7	**1.** KBTBD6 and KBTBD7 specifically bind to GABARAP proteins.KBTBD6 and KBTBD7 form a heterodimeric CRL3 complex.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/kelch-repeat-and-btb-domain-containing-protein-7-kbtbd7/1323593